D0018E - Webshop

Private

SPRINT 2 Establish a relational database for e-commerce

Define use-cases, requirements, data, etc. Design a database schema. The database should (at least) contain tables for Assets, Customers and Orders. The data should be defined so that a simple relational schema can handle it. However, we require that there is some variable data, such as a counter for how many items there are in stock of a certain asset. Remember that you can find a lot of examples on the web that you can use as starters.

Establish documentation according to the structure described above at the end of “Work Structure”. Synchronise with your instructor.

It is your choice what each spring will include, the first one could include writing a simple front-end for listing assets, for placing an order for one item, at the time etc. You may (later?) want to define customer accounts so that customers can login before shopping. Note that you may use the command-line interface to the SQL database during development and test.

Extend your report, essentially showing the documentation at this point. It should now clearly have the format that is explained at the end of the section “working methods” above. Sent it to your instructor, together with a link to your site and prepare to make a short demo for your instructor.

Sprint 3 Add shopping basket

Add the concept of a shopping basket, so that you can add and subtract assets to the basket, and check-out to place orders for multiple assets.

Explain your considerations: When do you book an asset? Is it when put in basket or when checking out? Trade offs?

(Optional Parallelism/loads test: Emulate a large number of auto shopoholic clients and try performance (actually if you are using your own server do it locally, I am however a bit worried about the load on our common server if everyone does this simultaneously...))

Extend your report explaining how the shopping basket was defined and your considerations. Send it to your instructor, together with a link to your site and prepare to make a short demo for your instructor.

Sprint 4 Add grading and comments

Add functionality for customers to provide grades and comments on particular assets. Can comments be related in some way (e.g, list or tree)?

Explain your solution and the challenges with adding such structures.

Add to your report on how grading and comments were defined. Sent it to your instructor, together with a link to your site and prepare to make a short demo for your instructor.

Backlog - Ongoing

List Description

Registration & Login[3:FB]
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Fill database with example data[3:B]
2 0/3

Contact Us[3:FB]
0/3

Shopping Cart[5:FB]
2/5

Review & Ratings[3:FB]
1/4

Products Display[5:FB]
2/4

Checkout[5:FB]
0/2

Campaigns[2:FB]
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Detailed product view[5:FB]
0/2

Backlog - Completed

List Description

Setting up website[5:F]
Oct 31 2/2

Setting up database[5:B]

2/2

Sprint 5 ???